



DEPARTMENT OF THE NAVY  
COMMANDER NAVAL AIR FORCE  
UNITED STATES PACIFIC FLEET  
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Canc frp: AUG 02

COMNAVAIRPACNOTE 13050  
N421C

SEP 27 2001

COMNAVAIRPAC NOTICE 13050

Subj: AIRCRAFT CONFIGURATION LISTING FOR PACIFIC FLEET H-1 AIRCRAFT

Encl: (1) H-1 Aircraft Baseline Configuration List

1. Purpose. To promulgate an aircraft baseline configuration list for H-1 aircraft. This is a complete revision and should be reviewed in its entirety

2. Cancellation. COMNAVAIRPACINST 13050.87B

3. Scope. This instruction applies to all COMNAVAIRPAC activities having reporting custody of H-1 aircraft. Other activities may be tasked to comply with this instruction as directed by this headquarters, functional wing commander or operational commanders.


4. Discussion

a. Achieving the highest possible force readiness and operational capability requires periodic modification of aircraft/equipment. Because all Type/Model/Series (TMS) aircraft are seldom modified simultaneously, two or more major aircraft configurations may be operational at any given time. Despite this, it is possible to maintain substantial similarity between TMS aircraft, provided baseline configuration is maintained. Enclosure (1) promulgates the baseline configuration for H-1 aircraft. Airframe changes and equipment items not included in the baseline have either been incorporated in all aircraft or are not required for baseline purposes.

b. Operating activities occasionally require more specific configuration guidance than the baseline provides. Normally, those requirements are generated by operational tasking and/or logistics considerations. In those instances, COMNAVAIRPAC will issue configuration directives which supplement enclosure (1) and provide more specific guidance.

5. Action. Commanding officers of activities having reporting custody of H-1 aircraft shall configure aircraft per enclosure (1), to the extent material/support exists and no incorporation/retrofit restrictions apply. Recommended changes to the baseline shall be forwarded to COMNAVAIRPAC, via the chain of command.

6. Cancellation Contingency. This notice is cancelled upon receipt of a revised notice of the same subject.

  
J. L. PURCELL  
Chief of Staff

Distribution: SNDL Parts 1 and (PACFLT only, unless otherwise indicated)  
21A2 CINCPACFLT

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24J2	Marine Forces Pacific
42A2	Fleet Air Command
42E2	Type Wing Commander
46B	Marine Aircraft Wing
31H2	Amphibious Assault Ship
31N2	Multi-purpose Assault Ship
46C1	Marine Aircraft Group
46M2	Aviation Logistics Squadron
FB7	Naval Air Station
V5	Marine Corps Air Station
46P2	Marine Helicopter Squadron
46P4	Marine Helicopter Training Squadron
42S2	Air Test and Eval Squadron

Stocked:  
COMNAVAIRPAC (N004

**SEP 27 2001**H-1 Aircraft Baseline Configuration List

## Part I

Engines

T400-CP-400	UH/HH-1N	Two per aircraft
T700-GE-401	AH-1W	Two per aircraft

Fuel

Afloat	JP-5
Ashore	JP-4/JP-5/JP-8

Part II      Technical direct      to be incorporated in equipment

<u>AFC</u>	<u>Description</u>	<u>UH-1N</u>	<u>HH-1N</u>	<u>AH-1W</u>
187	AN/APR-44(V)3 Radar Warning System	X		
194	Defensive Armament Subsystems Install Mods	X		
199	ASQ-177(V)2 PLRS	X		
209	A/P22P-9(V) Helo Aircrew CBR Protection Assy	X		
212	A/P22P-9(V) Helo CBR protector assy			X
216	NVG Compatible Cockpit	X		
219	Underwater Acoustic Locator (pinger)			X
226	AN/AAR-47 Missile Warning Set	X		
240	EW Suite	X		
248	Booster Motor Disconnect Wire Bundle			X
249	Trimble Trimpak GPS	X	X	
251	Seat Cushion Spacer	X		
252	ALE-39 Countermeasures System Mod			
253	Tail Fin Access Hole and Doubler			X
262	Structural Data Recording Set			X
263	Heat Switch Mod	X	X	
267	Helo Monopole Tachometer Sensor Install			X
270	NVG HUD	X		
271	NVG Lights	X		
275	Communication/Navigation System	X		
277	Transmission Door Support			X
278	NTIS	X		
280	Wing pylon Fairing Dzus Fasteners			
281	Searchlight Relocation	X		
282	Dual Searchlight			
283	Main Driveshaft Mod	X	X	
284	AN/ARN-118 TACAN	X	X	
285	AN/APX-100 Lighting			X
286	Trimble Trimpak GPS			X
287	IR Lights			X
289	Left Side Panel Mod			X
290	HSS Cable			X
292	Triangular Hydraulic Switch Head			X
293	Quick Inboard Aux Fuel Tank			X
294	ASQ-205 Jackscrew Assy			X
295	NIU Removal			X
297	Canopy Breakout Knives			X
302	Mod Left and Right Side Eng Cowlings			X

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<u>AFC</u>	<u>Description</u>	<u>UH-1N</u>	<u>HH-1N</u>	<u>AH-1W</u>
303	Electrical; Install of Chrgr/Mon/Batt			X
304	Stores Control Panel			X
305	Eng Wash Switch Relocation			X
306	Tact Nav Sys Power Circuit			X
307	Transmission Oil Level Light			X
308	Laser Target Marker			X
309	Radar Beacon Removal			X
310	Ammo Bay Door Seal			X
311	Battery Door Latch			X
313	ICS Filter	X	X	
314	Engine Cowling Hinge Pins			X
315	Remote Control Unit KY-58	X		
319	Thomas Coupling Door Fasteners			X
320	Infrared Beacon Light Sys			X
321	Night Vision Light, Install IR Strip			X
322	Support Assy Eng Control on Eng Deck			X
323	Fault Protection into Tow Missile			X
324	M-118 Smoke Grenade Dispensing Sys			X
325	Eng Airframe Wiring Harness			X
326	First Aid Kit Bracket Mod			X
327	Application of New Exterior Stencils			X
328	Non-automatic/Flt Ctrl Sys Cyclic	X	X	
329	Pilot/Gunner Instrument Panel Pwr			X
330	Hyd Servo Comp Pnl Sight Glass			X
331	MA-16 Inertial Reel	X	X	
333	Attitude Indicator Pwr Off Flag Relay			X
334	Nav Thermal Imaging Sys Video Cass	X		
335	Combining Gearbox Bracket Assy			X
336	Nav Thermal Imaging Sys	X		
337	AN/ARN-(V) TACAN Navigation Set		X	
338	Hangar Bearing Cover Assembly (No. 2)	X	X	
339	Tail Rotor Driveshaft System	X	X	
340	Tow Missile Sys Night Targeting Sys			X
342	Low Alt Warning System Circuit	X	X	
343	Solid State Voltage Regulators	X	X	
344	AN/ASQ-215 Digital Data Set (DDS)			X
346	Storage Battery	X	X	
350	Take Off and Landing Checklist Decal			X
351	AN/ARC-182 Radio Set Installation		X	
352	TSEC IFF Zeroize Wiring	X		
353	Paralleling Circuit Wiring, Gen	X	X	
354	Paralleling Relays and Circuit Up	X	X	
355	Nav Set Removal, Apollo 604 Loran C	X	X	
356	Intercommunication Set (ICS Grd Crew Comm)			X
357	AN/ASQ-177(V)2 Position Locator Report	X		
358	Fwd Pylon Fairing Assy, Window Remove/Rep			X

## Part III

## a Avionics Equipment

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>HH-1N</u>	<u>AH-1W</u>
-----18	Intercom Set			X
	SATCOM RF Amplifier	X		

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## a Avionics Equipment (cont)

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>HH-1N</u>	<u>AH-1W</u>
AN/APN-154 (v)	Radar Beacon			X
AN/APN-171 (v) 1	Radar Altimeter	X	X	X
AN/APN-194 (v)	Electronic Altimeter			X
AN/APN-217 (V) 3	Navigation Set, Radar			X
AN/APN-217 (V) 6	Navigation Set, Radar	X		
AN/APX-72	IFF Transponder	X	X	X
AN/APX-100 (V)	IFF Transponder			X
AN/ARA-50	UHF Auto Direction Finder Group	X	X	
AN/ARC-102	HF Radio Set	X	X	
AN/ARC-114	Radio Set		X	
AN/ARC-114A	Radio Set	X		
AN/ARC-115	VHF-AM Radio Set		X	
AN/ARC-116	UHF-AM Radio Set	X		
AN/ARC-159 (V) 1	UHF Radio Set	X	X	
AN/ARC-182 (V)	UHF/VHF Radio Set	X	X	X
AN/ARC-186 (V)	VHF AM/FM Radio Set	X	X	X
AN/ARC-210 (V)	UHF/VHF Radio Set	X		X
AN/ARN-82	VOR/LOC System	X		
AN/ARN-84 (V) 1	TACAN		X	
AN/ARN-89	Automatic Direction Finder	X	X	
AN/ARN-89B	Automatic Direction Finder			X
AN/ARN-105	TACAN		X	
AN/ARN-118 (V)	TACAN	X	X	X
AN/ARN-153 (V) 1	TACAN	X		X
AN/ASN-75B	Embedded GPS in INS			X
AN/ASN-163	Global Positioning Sys	X	X	
AN/AVS-6 (V) 1	Night Vision Goggles	X		
AN/AVS-7	Night Vision Goggle HUD	X		
C-10414/ARC	Intercom Set Control			X
C-11746A (V) /ARC	Intercom Set Control	X		X
C-12284/A	Control Display Nav Unit	X	X	X
C6280 (P) APX	Transponder Control	X	X	
C6533/ARC	ICS Control	X	X	
CV-4138/A	Digital Converter	X	X	
KIT-1C/TSEC	Secure Transponder	X	X	X
MX-10517/ARC	ICS Matrix Box	X		
OA-8697A/ARD	UHF/VHF Direction Finder			
R-1041/ARN	Marker Beacon Receiver	X		
TS-1843A/APX	Transponder Test Set	X	X	X
KY-58/TSEC	Secure Voice Data Sheet	X	X	X

## b. Countermeasures Equipment

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>AH-1W</u>
AN/AAR-47	Missile Warning System	X	X
AN/AAQ-22A	Nav Thermal Imaging Sys	X	
AN/ALE-39	Chaff Dispenser	X	X
AN/ALQ-144	Infrared Jammer	X	
AN/ALQ-144 (V) 3	Infrared Jammer		X

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## b. Countermeasures Equipment

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>AH-1W</u>
AN/APR-39(V) 1	Radar Signal Detecting Set		X
AN/APR-39(V) 2	Radar Signal Detecting Set	X	X
AN/APR-44(V) 1	Radar Warning System		X
AN/APR-44(V) 3	Radar Warning System	X	
AN/AVR-2	Laser Warning Receiver	X	X

## c Electrical and Instruments

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>HH-1N</u>	<u>AH-1W</u>
AAU-9A	Rate of Climb Indicator	X	X	
AAU-21/A	Altimeter Encoder	X	X	X
AAU-24/A	Altimeter Encoder			
AAU-31/A	Altimeter	X	X	X
AAU-32/A	Altimeter Encoder			X
AAU-32/A-1	Altimeter Encoder			X
ABU-11A	Clock, Aircraft Mechanical	X	X	X
AFCS	Automatic Flight Control System			
AIRSPD IND	Airspeed Indicator, AH-1W			X
AN/ASH-37(V) 8	Structural Data Recording Sys			X
AN/ASN-75B	Gyro Reference Compass Set			X
AN/ASN-43	Gyro Stabilized Magnetic Compass	X	X	
AN/ASQ-177(V)	Position Location Reporting Sys	X	X	
AN/ASQ-205(V)	Control Display Set			X
AN/ASQ-215	Digital Data Set	X		
AN/USN-2(V)	Attitude Heading Reference System			X
AQU-5/A	Standby Compass			
ARU-3A	Turn/Slip Indicator	X	X	X
HUD	Head Up Display (AH-1W)			X
ID-387/ARN	Course Indicator	X	X	
ID-663/U	Bearing Distance Heading Ind	X	X	
IFFSP	Integrated Full-Function Sig Proc			X
LAWS	Low Altitude Warning System		X	X
MA-1(GE)	Compass Ctrl'd Dir Gyro Sys	X	X	
MB-1	Standby Compass			X
MD-1	Vertical Gyro	X	X	
ML-1	Remote Compass Transmitter			X
MS17983-2	Standby Compass		X	X
MS28075-2B	Rate of Climb Indicator			X
SCAS H-1	Stability Control Aug Sys		X	
T-611/ASN	Remote Compass Transmitter	X	X	
TRU-2A/A	Turn Rate Gyro	X	X	
VGS	Vertical Gyro System	X	X	X
212-070-714-1	Indicator, Attitude Gyro	X	X	

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## d. Weapons Stores/Delivery

<u>DESIGNATION</u>	<u>NOMENCLATURE</u>	<u>UH-1N</u>	<u>AH-1W</u>
A/A49E-3	Pintle Mount	X	
A/A49E-7 (V4)	20 mm Turret System		X
ADU-299	Aero Adapter		X
AN/AWS-1(V)1	Helo Armament Fire Control Sys		X
BRU-20/A	Bomb Ejector Rack	X	
BRU-21/A	Bomb Ejector Rack	X	
BRU-22/A	Bomb Ejector Rack		X
BRU-23/A	Bomb Ejector Rack		X
F/GAU-2B/A	Adapter Assembly (P/N 189F590)	X	
GAU-2B/17A	7.62mm Mini Gun	X	
GAU-16	.50 Cal. Machine Gun	X	
GAU-17	7.62mm Machine Gun	X	
LAU-7 A/5	Guided Missile Launcher		X
LAU-7 A/6	Guided Missile Launcher		X
LAU-7 A/7	Guided Missile Launcher		X
LAU-7 C/A	Guided Missile Launcher		X
LAU-10	Rocket Launcher		X
LAU-61/68	Rocket Launcher	X	X
MAU-56/A	Delinking Feeder	X	
MAU-201	Delinking Feeder	X	
M272	Hellfire Missile Launcher		X
M89E1	20 mm Declutching Feeder		X
M197	20mm Automatic Gun		X
M240D	7.62mm Aircraft Machine Gun	X	
NTS XAS-5576	Night Targeting System		X
Talley Rack	A/C Ejector Rack		X
TML	Tow Missile Launcher		X